

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	0	("(backlight\$4orbacknearlight\$4orbacklit\$4orbacknearlitback\$1lightorback\$1lightedorback\$lightingorback\$lit)with(imageorpictureorphotograph)").PN.	USPAT; USOCR	OR	OFF	2007/03/30 10:07
S2	31191	(backlight\$4 or back near light\$4 or backlit or back near lit back\$1light or back\$lighted or back\$lighting or back\$lit)	USPAT	OR	OFF	2007/03/29 13:01
S3	4387	(backlight\$4 or back near light\$4 or backlit or back near lit back\$1light or back\$lighted or back\$lighting or back\$lit) With (image or picture or photograph)	USPAT	OR	OFF	2007/03/29 13:02
S4	4387	(backlight\$4 or back near light\$4 or backlit or back near lit back\$1light or back\$lighted or back\$lighting or back\$lit) With (image or picture or photograph)	USPAT	OR	OFF	2007/03/29 13:02
S5	4	S4 SAME (histogram or spectrum or distribution) near4 peak	USPAT	OR	OFF	2007/03/29 13:47
S6	1	("6694051").PN.	USPAT; USOCR	OR	OFF	2007/03/29 13:19
S7	82	luminance SAME (histogram or spectrum or distribution) SAME ((average adj value) or (average adj level))	USPAT	OR	OFF	2007/03/29 13:49
S8	45	luminance SAME (histogram or spectrum or distribution) SAME ((average adj value) or (average adj level)) AND threshold	USPAT	OR	OFF	2007/03/29 13:51
S9	944	peak AND(histogram or spectrum or distribution) AND ((average adj value) or (average adj level)) SAME threshold	USPAT	OR	ON	2007/03/29 13:51
S10	944	peak AND (histogram or spectrum or distribution) AND ((average adj value) or (average adj level)) SAME threshold	USPAT	OR	ON	2007/03/29 13:51
S11	206	(histogram or spectrum or distribution) AND ((average adj value) or (average adj level)) SAME threshold SAME (peak or spike)	USPAT	OR	ON	2007/03/29 13:52

## EAST Search History

S12	28	luminance SAME (histogram or spectrum or distribution) AND ((average adj value) or (average adj level)) SAME threshold SAME (peak or spike)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/29 13:55
S13	211	luminance SAME (histogram or spectrum or distribution) AND ((average adj value) or (average adj level)) SAME threshold	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/29 13:56
S14	145	luminance SAME (histogram or spectrum or distribution) AND ((average adj value) or (average adj level)) WITH threshold	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/29 14:02
S15	315	luminance AND (histogram or spectrum or distribution) AND ((average adj value) or (average adj level)) WITH threshold	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/29 14:08
S16	95	luminance AND (histogram or spectrum or distribution) AND (((average adj value) or (average adj level)) WITH (based or set) WITH threshold)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/29 15:24
S17	1	("5831748").PN.	USPAT; USOCR	OR	OFF	2007/03/29 15:28
S18	0	("(averageadjleveloraverageadjvalue)WITHbasedWITHthreshold").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/29 15:28
S19	66	(average adj level or average adj value) WITH (based or set) WITH threshold AND luminance	USPAT	OR	OFF	2007/03/29 15:30
S20	16	(average adj level or average adj value) WITH (based or set) WITH threshold AND luminance SAME (histogram or spectrum or distribution)	USPAT	OR	OFF	2007/03/29 15:35
S21	66	(average adj level or average adj value) WITH (based or set) WITH threshold AND luminance	USPAT	OR	OFF	2007/03/29 15:38

## EAST Search History

S22	46	(average adj level or average adj value) WITH threshold AND (luminance adj luminance)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/29 15:52
S23	498	(range or area or integrat\$3 or integral or area or count\$3 or sum\$6 or number or accumul\$3) AND threshold AND (luminance adj luminance)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/29 15:56
S24	1	"10374551"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/29 15:57
S25	1	10/374551	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/29 16:01
S26	3204	threshold SAME (integrat\$3 integral area count\$3 sum\$6 number accumul\$3) SAME luminance	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/29 16:03
S27	1864	threshold WITH (integrat\$3 integral area count\$3 sum\$6 number accumul\$3) SAME luminance	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/29 16:03
S28	457	"382".clas. AND threshold WITH (integrat\$3 integral area count\$3 sum\$6 number accumul\$3) SAME luminance	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/29 16:04
S29	139	S27 AND (back\$light\$3 or (back adj light\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/29 16:05

## EAST Search History

S30	41	S27 AND (back\$light\$3 or (back adj light\$3)) AND (peak or spike)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/29 16:44
S31	212	(average adj level or average adj value) WITH threshold AND luminance AND "382".clas.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/29 16:46
S32	33	(average adj level or average adj value) WITH threshold AND luminance AND (back\$1light\$3 or back adj light\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/29 18:15
S33	0	(10/052,706).CCLS.	USPAT; USOCR	OR	OFF	2007/03/29 18:16
S34	1	10/052706	USPAT	OR	OFF	2007/03/29 18:16
S35	0	10/823898	USPAT	OR	OFF	2007/03/30 10:08
S36	0	"10823898"	USPAT	OR	OFF	2007/03/30 10:08
S37	0	(10/823898).CCLS.	USPAT; USOCR	OR	OFF	2007/03/30 10:09
S38	0	10/823898.ap.	USPAT	OR	OFF	2007/03/30 10:10
S39	0	"10823898".ap.	USPAT	OR	OFF	2007/03/30 10:10
S40	0	"10823898".an.	USPAT	OR	OFF	2007/03/30 10:10
S41	2	("20040208393").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/30 11:10
S42	0	("404242106").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/30 11:11
S43	0	("Usui.in.ANDrecognizing.ti.").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/30 11:11
S44	0	Usui.in. and recognizing.ti.	USPAT	OR	OFF	2007/03/30 11:12

## EAST Search History

S45	7	Usui.in. and recognizing.ti.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/30 12:04
S46	30089	(average adj value or average adj level) AND threshold	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/30 12:18
S47	608	(average adj value or average adj level) WITH luminance AND (histogram or distribution or spectrum)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/30 12:40
S48	1	("6040860").PN.	USPAT; USOCR	OR	OFF	2007/03/30 12:43
S49	1	("6879345").PN.	USPAT; USOCR	OR	OFF	2007/03/30 12:49
S50	1	("7006668").PN.	USPAT; USOCR	OR	OFF	2007/03/30 13:05
S51	0	("60408060").PN.	USPAT; USOCR	OR	OFF	2007/03/30 13:05
S52	1	("6040860").PN.	USPAT; USOCR	OR	OFF	2007/03/30 13:10
S53	0	("(multipleorpluralorseveralordifferent)near3peakSAME(areaorpercentageorratio)").PN.	USPAT; USOCR	OR	OFF	2007/03/30 13:12
S54	747	(multiple or plural or several or different) near3 peak SAME (area or percentage or ratio)	USPAT	OR	OFF	2007/03/30 13:13
S55	527	(multiple or plural or several or different) near2 peak SAME (area or percentage or ratio)	USPAT	OR	OFF	2007/03/30 13:13
S56	18	(multiple or plural or several or different) near2 peak SAME (area or percentage or ratio) SAME luminance	USPAT	OR	OFF	2007/03/30 13:14
S57	0	(multiple or plural or several or different) near2 peak WITH (detect\$5 or determin\$5) SAME (area or percentage or ratio) SAME luminance	USPAT	OR	OFF	2007/03/30 13:14

## EAST Search History

S58	0	(multiple or plural or several or different) near2 peak WITH (detect\$5 or determin\$5) SAME (area or percentage or ratio) AND luminance	USPAT	OR	OFF	2007/03/30 13:15
S59	3	(multiple or plural or several or different or plurality) near2 peak WITH (detect\$5 or determin\$5) SAME (area or percentage or ratio) AND luminance	USPAT	OR	OFF	2007/03/30 13:15
S60	248	(multiple or plural or several or different or plurality) near3 peak WITH (detect\$5 or determin\$5) SAME (area or percentage or ratio or integ\$6)	USPAT	OR	OFF	2007/03/30 13:16
S61	11	(multiple or plural or several or different or plurality) near3 peak WITH (detect\$5 or determin\$5) SAME (area or percentage or ratio or integ\$6) AND luminance	USPAT	OR	OFF	2007/03/30 13:16
S62	22	(multiple or plural or several or different or plurality) near3 peak WITH (detect\$5 or determin\$5) SAME (area or percentage or ratio or integ\$6) AND pixels	USPAT	OR	OFF	2007/03/30 13:16